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JC772 U.S. PTO
01/10/01
JC675 U.S. PTO
09/15/01

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10 January 2001

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The Assistant Commissioner of Patents
Washington, D.C. 20231

Attorney Docket No.: P56289

Sir:

Submitted herewith is the following patent application:

Inventor: Jong-Seo CHOI, Hyek-Bok LEE, Kyu-Nam JOO, Yoon-Chang KIM

Title: CATHODE MATERIAL FOR ELECTRON BEAM APPARATUS

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 3 sheets, Figures 1 through 3

Claim of priority under 35 U.S.C. §119: **YES**

REPUBLIC OF KOREA Application No. 963/2000 filed in Korea on 10 January 2000

Fee (see formula below): **CHECKS ARE ENCLOSED**

Basic Fee \$355/710.....\$710.00

Additional Fees:

Total number of claims in excess of 20: 0 times \$9/18.....\$0.00

Number of independent claims in excess of 3: 0 times \$40/80.....\$0.00

Multiple dependent claims \$135/270.....\$0.00

An Assignment is likewise enclosed: Recording Fee \$40.....\$40.00

Filing Non-English specification.....\$0.00

TOTAL FEES FOR THE ABOVE APPLICATION.....\$750.00

Assistant Commissioner of Patents
10 January 2001
Page Two

Attorney Docket No.: P56289

Inventor: **Jong-Seo CHOI, Hyek-Bok LEE, Kyu-Nam JOO, Yoon-Chang KIM**

Title: **CATHODE MATERIAL FOR ELECTRON BEAM APPARATUS**

Should the enclosed check become lost or detached from the file, the Commissioner is authorized to charge for any additional charges incurred, or credit any excess payment to the Deposit Account No. 02-4943. Kindly notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all corresponding to :

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Respectfully submitted,



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Date: 1/10/01
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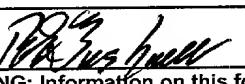
U.S. PRO
JC951 01/10/01**FEE TRANSMITTAL**

Patent fees are subject to annual revision

Complete If Known							
Application Number			To be assigned				
Filing Date			10 January 2001				
First Named Inventor			Jong-Seo CHOI				
Examiner Name			To be assigned				
Group/Art Unit			To be assigned				
TOTAL AMOUNT OF PAYMENT		(\$) <u>750.00</u>		Attorney Docket No.			
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.		3. ADDITIONAL FEES					
Deposit Account Number: <u>02-4943</u>		Large Entity		Small Entity			
Deposit Account Number: _____		Fee Code	Fee (\$)	Fee Code	Fee (\$)		
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.		105	130	205	65		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		127	50	227	25		
<input checked="" type="checkbox"/> Payment Enclosed: (CHECK #37998 & #37999) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		139	130	139	130		
FEE CALCULATION		147	2,520	147	2,520		
1. BASIC FILING FEE		112	920*	112	920*		
Large Entity Small Entity		113	1,840*	113	1,840*		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee Paid	
101	710	201	355	Utility filing fee		\$710.00	
106	320	206	160	Design filing fee		\$	
107	490	207	245	Plant filing fee		\$	
108	710	208	355	Reissue filing fee		\$	
114	150	214	75	Provisional filing fee		\$	
SUBTOTAL (1)		(\$)<u>710.00</u>					
2. EXTRA CLAIM FEES		141	1,240	241	620		
		142	1,240	242	620		
		143	440	243	220		
Total claims -20** = x =		144	600	244	300		
Independent Claims - 3** = x =		122	130	122	130		
Multiple Dependent =		123	50	123	50		
** or number previously paid, if greater; For Reissues, see below		126	240	126	240		
Large Entity Small Entity		581	40	581	40		
Fee Code	Fee (\$)	Fee Description	Fee Paid				
103	18	203	9	Claims in excess of 20			
102	80	202	40	Independent claims in excess of 3			
104	270	204	135	Multiple dependent claim, if not paid			
109	80	209	40	** Reissue independent claims over original patent			
110	18	210	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)		(\$)<u>0.00</u>					
** Reduced by Basic Filing Fee Paid						SUBTOTAL (3)	\$40.00

SUBMITTED BY

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Typed or Printed Name		Robert E. Bushnell, Esq.		Reg. Number	27,774
Signature			Date	10 January 2001	Deposit Account User ID

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